

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2005-20850; Directorate Identifier 2005-NE-05-AD; Amendment

14976 7-05-15
39-XXXXX; AD 200X-XX-XX]

RIN 2120-AA64

Airworthiness Directives; Teledyne Continental Motors GTSIO-520 Series

Reciprocating Engines

AGENCY: Federal Aviation Administration (FAA), Department of Transportation (DOT).

ACTION: Final rule.

SUMMARY: The FAA is superseding an existing airworthiness directive (AD) for Teledyne Continental Motors (TCM) GTSIO-520 series reciprocating engines. That AD currently requires initial and repetitive visual inspections of the starter adapter assembly and crankshaft gear and unscheduled visual inspections of the starter adapter assembly and crankshaft gear due to a rough-running engine. That AD also requires replacement of the starter adapter shaft gear needle bearing with a certain bushing and installation of a certain TCM service kit at the next engine overhaul, or at the next starter adapter replacement, whichever occurs first. This AD requires performing the inspection ordered in paragraph (h) of this AD every 100 hours time-in-service (TIS), or annually. This proposed AD results from an error discovered in AD 2005-20-04. We are issuing this

CONCURRENCES
ROUTING SYMBOL AVE-110
INITIALS/SIGNATURE CML
DATE 2/22/07
ROUTING SYMBOL ACE-118A
INITIALS/SIGNATURE JR/CML
DATE 2/22/07
ROUTING SYMBOL ACE-118A
INITIALS/SIGNATURE CM/CML
DATE 2/22/07
ROUTING SYMBOL AVE-111
INITIALS/SIGNATURE MR/CML
DATE 2/22/07
ROUTING SYMBOL AEG
INITIALS/SIGNATURE RHL/CML
DATE 2/26/07
ROUTING SYMBOL ANE-7
INITIALS/SIGNATURE VB/CML
DATE 2/22/07
ROUTING SYMBOL ANE-101
INITIALS/SIGNATURE AW
DATE 2/28/07
ROUTING SYMBOL
INITIALS/SIGNATURE
DATE